	4 F 144				Complete if	Vnown	
Substitute	for Form 144						
KPE VA	NFOF	RMA	TION DISCLOSUR	Application Number	10/041,092		
, -C	~ \				Filing Date	12/28/2001	
Em	TAT	EME	ENT BY APPLICAN	T	First Named Inventor:	Burns, et al.	
ME 1 FOR	ÿ)	(use as	s many sheets as necessary)		Art Unit	2151	
Mar	الأي				Examiner Name	Unassigned	
She to	P ₁		of	1	Attorney Docket Number	42390P12492	
			U.S. PATEN	T DOCUMENTS			
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Num	ber-Kind Code ² (II known)			Figures Appear	
· Tevi	1	US-	6,487,668B2	11-26-2002	Thomas, et al.		
in		US-	6,216,235B1	04-10-2001	Thomas, et al.		
TAVC		US-	5,974,557	10-26-1999	Thomas, et al.		
Tuc		US-	5,752,011	05-12-1998	Thomas, et al.		
two		US-	5,627,412	05-06-1997	Beard		
Tire		US-	5,307,003	04-26-1994	Fairbanks, et al.		
ac		US-	5,153,535	10-06-1992	Fairbanks, et al.		
an		US-	5,021,679	06-04-1991	Fairbanks, et a. –	FIVED	
		US-			* **		
		US-	•		AUG	1 8 2003	
		US-			1,00		
		US-			Technolo	gy Center 2100	
		US-			Cominoto	9) 00,110, = 100	
		US-					
		US-					

		FO	REIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document .	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т°

Examiner	Date Considered	11/1/04
Signature		11/16/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the senal number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissi ner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistanc in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Based on Form PTO/SB/08A (04-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03

-1				Olle til	1				
Substitu	ut for F	orm 1449A/PTO	(Modified	0.0003					
INI	FOR	MATION	טופכון	ASURF &	Application Number		10/041,092		
IIN				File and Aller	Filing Date		12-28-2001	• • • •	
S	TATE	EMENT BY	' APP	LICAMPE	First Named Inventor:		James S. B	lurns	
	(use as many sheets	as necess	OSURE S	Group Art Unit		2151		
					Examiner Name		***		
Sheet	1		of	1	Attorney Docket Number	r	42390P124	92	
				U.S. PATEI	NT DOCUMENTS				
Exam.	Cite	U.S. Patent Document		Name of Pa	tentee or Applicant	Date of Publication of		Pages, Columns, Lines, Where Relevant	
tnitial*	No.¹		Kind (If known)	_ Of Cite	ed Document	Cited Document MM-DD-YYYY		Passages or Relevant Figures Appear	
two		4,300,048	Α	Barl	bier et al.		10-1981		
Tue_		4,551,031	Α	Ishik	awa et al.		05-1985		
TWC		5,046,858	A		Tucker		10-1991		
tuc		5,287,292	A		nny et al.		15-1994		
two		5,832,284	A	· Mic	hail et al.		03-1998		
twc		5,835,885	A		Lin		10-1998		
TWC		5,838,578	A		Pippin		17-1998		
twi		5,902,044	Α		cer et al.		11-1999		
twic		6,091,255	Α	G	Sodfrey	07-	18-2000		

Hussain et al.

Rankin et al.

Cooper et al.

Gunther et al.

6,172,611

6,393,374

2002/0143488

2001/0021217

twc

TW

two

TWI

B1

B1

A1

A1

Pages, Columns, Lines, Where Relevant Passages or Relevant
Figures Appear

		the second secon	
Examiner	400	Date Considered	11/16/04
Signature		<u></u>	71070

01-09-2001

05-21-2002

09-13-200

10-03-2002

2 2 2003

Techrology Center 2100

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the twoletter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of relgn of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Number Kind Code ² Kind Ki	Substit	tut for	Form 1	ΔΑ ΩΔ/ ΡΤΩ) (Mo	dified)		·		omnlet	e if Kn	wn				
STATEMENT BY APPOCANT (use as many sheets as necessary) (use as many sheets as necess							CLIDE	Application Number		• •						
STATEMENT BY APPLOCANT (use as many sheets as necessary) (use as many sheets as necessary (use as particular as placed on the supportant of the least of the									 							
(use as many sheets as necessary) Intest 1 of Croup Art Unit Examiner Name Thomas C. Lee Attorney Dockel Number 42390P124392 ATENT DOCUMENTS Nam. Cite (If known) No. 1 U.S. Patent Document Number Kind Number (If known) No. 2 (If known) No. 3 (If known) No. 5 (If No. 5 (If known) No. 5 (If No. 5 (If Known) No. 5 (If	S	TAT	EME	NT B	Y A	PPL	ACANT\		tor:							
Examiner Name Thomas C. Lee			(use as	many shee	ts as r	nece#sary						<u> </u>	701110			
Attorney Docket Number 42390P12492 Attorney Docket Number 42390P1249							10V 9 4 2003 N					s C	Lee			
No.	Shoot	1			of	100	- g		umher						····	
Date of Publication of Cited Document Cited Docum	Sileet				01	1/3	To many AR		dilibei		420001	127	32			
No. Number Kind Code	-	Cito		C Dotont C	200100					Data of P	lublication		Dagge	Colum	one Li	200
Code	Initial*	No.1								Cited D	Documen	-	W	nere Re	elevan	t
System					_					MM-D	D-YYYY					
S,766,228 Bonnet et al. 06-16-1998	FINC		5.3	73.254			Naka	auchi et al.		12-1	3-1994					
System S	twe.	 														
	twc		5,7	81,783			Gur	ther et al.								
### Offices Section Se	twc															
### PATENT DOCUMENTS Foreign Patent Document Offices Number Kind Code (if known)	twc	ļ					· · · · · · · · · · · · · · · · · · ·									-1
FOREIGN PATENT DOCUMENTS Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Pages, Columns, Lines, Where Relevant Pitter No. Office Number Kind Code (If known) Nati Semiconductor Corp. O6-30-1993 O4-08-1999 O4-08-1999 O4-08-1999	two	ļ			-	21						_				1
FOREIGN PATENT DOCUMENTS Sam. Cite Foreign Patent Document Office ³ Number Kind Code ³ (if known) Figures Appear Figures Appear		 										H		, E +	V E	
FOREIGN PATENT DOCUMENTS Exam. Cite Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (If known) TWC EP 0549165 A2 Nat'l Semiconductor Corp. 06-30-1993 OTHER ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No ¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Date Considered 14/5 / 6/16	100												NUA	1.9	200	3
FOREIGN PATENT DOCUMENTS Exam. Cite Foreign Patent Document Office³ Number⁴ Kind Code⁵ (If Known) TWC EP 0549165 A2 Nat¹l Semiconductor Corp. 06-30-1993 WO 9917186 A1 Intel Corp. 04-08-1999 OTHER ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite Indude name of the author (in CAPITAL LETTERS), tite of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published													1101			
FOREIGN PATENT DOCUMENTS Exam. Cite Foreign Patent Document Office³ Number⁴ Kind Code⁵ (If Known) TWC EP 0549165 A2 Nat¹l Semiconductor Corp. 06-30-1993 WO 9917186 A1 Intel Corp. 04-08-1999 OTHER ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite Indude name of the author (in CAPITAL LETTERS), tite of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		ļ						 				Ted	hnolo	av Co	enter	210
Cite Foreign Patent Document Name of Patentee or Applicant of Cited Document Office ³ Number ⁴ Kind Code ⁵ (If known) Name of Patentee or Applicant of Cited Document Office ³ Number ⁴ Kind Code ⁵ (If known) Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear Televant Passages or Relevant Figures Appear Televant Pages, Columns, Lines, Where Relevant Passages or Relevant Passages or Relevant Figures Appear Televant Pages, Columns, Lines, Where Relevant Passages or Rel		 	+-									-		33		-
Cite Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Passages or Relevant Figures Appear Televant Fig						N.					.,					
Cite Foreign Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Passages or Relevant Figures Appear Televant Fig							FOREIGN PA	TENT DOCUMEN	TS							
Initials' No. Office Number' Kind Code's (If known)	Exam.	Cite	Fore	eign Patent	Docui	ment				te of Publ	ication	1	Pages, C	olumn	s,	Te
(If known) Figures Appear WC EP 0549165 A2 Nat'l Semiconductor Corp. 06-30-1993 TWC WO 9917186 A1 Intel Corp. 04-08-1999 OTHER ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials* No! Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Date Considered 11/15 / 6/6	Initial*	No.1					of Cite	ed Document								•
TWC WO 9917186 A1 Intel Corp. 04-08-1999 OTHER ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Date Considered 11/15 / 6/6					(If	known)			. "	VIIVI-00-1						
OTHER ART – NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered 11/15/6/4	TWC															
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered	TWL		wo	99171	86	A1	Int	el Corp.	- 0	04-08-19	999					
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered	,	 					<u> </u>	· · · · · · · · · · · · · · · · · · ·	+							
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered		 	 	·		 			+							
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered																
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered																
Examiner Initials* Cite No¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered					ОТІ	HER AF	RT - NON PATE	NT LITERATURE	DOC	UMENT	rs					
Initials* No¹ magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Examiner Date Considered	Exam	iner	Cite	Include								itle of	the item	(book.		T ²
Examiner Date Considered 11/15/6/1				magazir	ne, jou	mal, seri	al, symposium, cata	log, etc.), date, page(s)	, volum	e-issue n	umber(s)	publ	isher, cit	y and/o	or	
			l					country where publish	160							
	•															
				 											+	
				1												
					0		.			Date	e Consi	dere	ed 1	1/15	5 / O	4

BEST AVAILABLE COPY

2311063.9

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 42390P12492	Application Number: 10/041,092	
Page 1 of 2	First Named Inventor: James S. Burns, et al.	Examiner: Not yet assigned	
Confirmation No. 2392	Filing Date: December 28, 2001	Art Unit: 2151	

Exa	Cite		U.S. Pater	it Document	U.S. PATENT DOCUMENTS Name of Patentee or Applicant	Date of Publication	Pages, Col	umns
m. Initi	No.1	Number Kind Code ² (If known)		Kind Code ²	of Cited Document	of Cited Document MM-DD-YYYY		There int is or Figure
tuc		1 5	,392,437	T	Matter et al. RECEIVED	02-21-1995	1,	
iwc		5	,495,617		Yamada APR 0 1 2003	02-27-1996		
tuc		5	,557,551		Craft	09-17-1996		
TWC		5	,719,800		Mittal et al. Technology Center 2100	02-17-1998		
TW		5	,815,724		Mates	09-29-1998		
two		6	,029,006		Alexander et al.	02-22-2000		
twc		6	,192,479	B1	Ko	02-20-2001		
twc		6	,211,740	B1	Dai et al.	04-03-2001		
tWC		6	,219,796	B1	Bartley	04-17-2001		
				F	OREIGN PATENT DOCUMENTS			
Exam. Initial*	xam. Cite Foreign Patent Document		nber Kind Code		Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T	
TWC			EP 05927	783 A2	PicoPower Technology, Inc. (John D. Kenny)	04-20-1994		
				OTHER ART	- NO PATENT LITERATURE DOCUMENT	rs		
Exam Initia		. Cite No'		item (book, magaz	or (in CAPITAL LETTERS), title of the article (whe zine, journal, serial, symposium, catalog, etc.), date ber(s), publisher, city and/or country where publi	, page(s), volume		ition
U.S. Patent Application No. 10/206,610; filed 07-26-2002, "A VCC Adaptive Dynamically Variable Frequency Clock System for High Performance, Low Power Microprocessors, "Atty. Dkt. No. 042390.P14222, 48 pages including Figures.								

Examiner Signature	Date Considered	11/16/04
-----------------------	-----------------	----------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

		n 1449A/PTO (Modified) heets as necessary)	Attorney Docket No.: Application Number: 10/041,092					
Page 2 of	2	MAR 3 1 2003 LL	First Named Inventor: James S. Burns, et al.	Examiner: Not yet assi	gned			
Confirma	tion N	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Filing Date: December 28, 2001	Art Unit: 215	1			
		OTHER ART - NO PATE	ENT LITERATURE DOCUM	IENTS				
Examiner Initials*	Cite No¹	Include name of the author (in CAPITA of the item (book, magazine, journal, issue number(s), publisl		, date, page(s), volume				
twc		U.S. Patent Application No. 09/471,795; filed 12-23-1999, "Microprocessor with Digital Power Throttle, " Atty. Dkt. No. 042390.P7758, 31 pages including Figures.						
we		U.S. Patent Application No. 10/041, Throttle Mechanism, "Atty. Dkt. No.						
twc		U.S. Patent Application No. 10/227,125; filed 08-23-2002, "An Apparatus for Thermal Management of Multiple Core Microprocessors," Atty. Dkt. No. 042390.P14509, 21 pages including Figures.						
.twc		U.S. Patent Application No. 10/044,865; filed 10-22-2001, "An Adaptive Variable Frequency Clock System for High Performance Low Power Microprocessors, " Atty.						
				HEC	EIVED			
				APR (2003			
		Technology Center 2100						
Examiner Signature	-	- C		Date Considered	11/16/04			

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.